Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

An apparatus for producing an optimum command to process a command to be input to a servo control section in order to operate a control object having a vibrating element without a vibration in such a manner that a delay from a command is reduced as greatly as possible. An optimum command producing apparatus for inputting a command, processing the command in such a manner that a control object implements a desirable operation and outputting an optimum command value to a servo control apparatus, includes an N-order filter processing section for carrying out an N-order filter processing for the command and calculating values from a 1st order differential to an $(N-1)^{th}$ order differential of the command subjected to the filter processing, and an arithmetic unit for adding a value obtained by multiplying an output of the N-order filter processing section by a gain.